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10. The display communications device of claim 1, wherein the housing contains a low voltage power supply.

11. The display communications device of claim 10, wherein the power supply is a thin film power supply.

12. The display communications device of claim 1, wherein the means for receiving input radio signals is a smart antenna.

13. The display communications device of claim 1, wherein the means for receiving input radio signals includes means for receiving signals in compliance with third generation digital radio standards.

14. The display communications device of claim 1, wherein the display comprises a plurality of smart pixels.

15. A display communications, comprising:

a housing that contains a processor;

means, coupled to the processor, for receiving input radio signals; and

a collapsible display that is mechanically coupled to the housing and electrically coupled to the processor;

wherein the display is collapsible into the interior of the housing has a viewable surface area that is larger than any cross-sectional area taken through the housing, and wherein the processor is adapted to extract display data from the input radio signals, and to provide a representation of the display data to the display; and

wherein the display is a flexible display and the communications device comprises a rod that is rotationally coupled to the housing and fixedly coupled to a first end of the display such that the display can be wound around the rod.

16. The display communications device of claim 15, wherein the rod is contained within the interior of the housing.

17. The display communications device of claim 15, wherein the rod is coupled to the exterior of the housing.

18. The display communications device of claim 1, further comprising a locking mechanism for holding the display in an extended position.

19. The display communications device of claim 1, wherein the display is a foldable display and a first end of the display is coupled to the housing such that the display can be folded into the interior of the housing.

20. The display communications device of claim 1, wherein the display is touch responsive.

21. The display communications device of claim 20, wherein the display provides touch signals to the processor and the processor performs responsive operations in response to receiving the touch signals.

22. The display communications device of claim 1, further comprising display memory for storing display data that corresponds to information currently being displayed.

23. The display communications device of claim 22, wherein the display memory is embedded into the display.

24. A display communications device comprising:

a housing that contains a processor;

means, coupled to the processor, for receiving input radio signals;

a collapsible display that is mechanically coupled to the housing and electrically coupled to the processor; and display memory for storing display data that corresponds to information currently being displayed;

wherein the display is collapsible into the interior of the housing has a viewable surface area that is larger than any cross-sectional area taken through the housing, and wherein the processor is adapted to extract display data from the input radio signals, and to provide a representation of the display data to the display; and wherein the display memory is embedded into the pixels.

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25. The display communications device of claim 22, wherein the display memory is contained in the housing.

26. The display communications device of claim 1, wherein the display is removably coupled to the housing.

27. The display communications device of claim 26, wherein the display is adapted to be removably coupled to each of a plurality of different types of external devices.

28. The display communications device of claim 27, wherein the display is adapted to automatically configure to the external device to which it is coupled.

29. The display communications device of claim 1, wherein the display data is video data.

30. The display communications device of claim 1, wherein the display includes a plurality of bistable pixels.

31. The display communications device of claim 1, wherein the processor updates the display by providing a data packet that includes a pixel address and a brightness that corresponds to a pixel located at the pixel address.

32. The display communications device of claim 1, wherein the processor is adapted to compare a current image with a previous image, to identify one or more pixels having a pixel brightness that needs to be changed to convert the display from the previous image to the current image, and to provide the display with display data that causes the pixel brightness of the one or more identified pixels to change.

33. A display communications device comprising:

a housing that contains a processor;

means, coupled to the processor, for receiving input radio signals; and

a collapsible display that is mechanically coupled to the housing and electrically coupled to the processor;

wherein the display is collapsible into the interior of the housing has a viewable surface area that is larger than any cross-sectional area taken through the housing, and wherein the processor is adapted to extract display data from the input radio signals, and to provide a representation of the display data to the display; and

wherein the processor includes a microprocessor.

34. The display communications device of claim 1, further comprising local processing power for each pixel.

35. The display communications device of claim 1, wherein the device is voice activated.

36. The display communications device of claim 35, wherein the processor is adapted to determine whether the device is in a telephone mode or a command mode and, if the device is in command mode, to respond to voice activation commands.

37. The display communications device of claim 1, wherein the display comprises a plurality of self-configurable pixels.

38. A display communications device comprising:

a housing that contains a processor;

means, coupled to the processor, for receiving input radio signals; and

a collapsible display that is mechanically coupled to the housing and electrically coupled to the processor;

wherein the display is collapsible into the interior of the housing has a viewable surface area that is larger than any cross-sectional area taken through the housing, and wherein the processor is adapted to extract display data from the input radio signals, and to provide a representation of the display data to the display;

wherein the display comprises a plurality of self-configurable pixels; and